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10/712104



Atty. Docket No.: 3465-Z

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Peter Rabinovitch (Kanata, Ontario, Canada)

TITLE: **Software Configurable Cluster-Based Router Using Heterogeneous Nodes as Cluster Nodes**

1. ☒ Specification of 38 pages.
☒ Claims, 36 in number.
☒ Abstract.

2. ☒ Drawings. Total Sheets: 8

3. ☒ Oath or Declaration.

- a. ☒ Newly executed (original or copy)
b. ☐ Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 5 completed)

i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

4. ☐ Application Data Sheet. See 37 CFR 1.76.

- 5a. ☐ **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP):
of prior application Serial No.: _____

Prior application information: Group Art Unit: _____ Examiner: _____

For: CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.

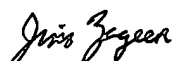
- 5b. ☐ The present application is a nonprovisional application based on Provisional Application Serial No. _____ filed _____.
6. ☐ Applicant claims small entity status. (see 37 CFR 1.27)
7. ☒ An assignment of the invention to: Alcatel and Recordation Form Cover Sheet with fee authorization.
8. ☐ Applicant claims the priority of corresponding application No. _____ filed _____.
9. ☐ Preliminary Amendment
10. ☐ Information Disclosure Statement (IDS) PTO-1449
☐ Copies of IDS Citations.
11. ☒ Return Receipt Postcard (MPEP 503)
12. ☐ Other:
13. ☒ The filing fee has been calculated as shown below:

For	No. Filed	Basic	No. Extra	Rate \$	Calculations
Total Claims	36	20	16	\$ 18.00	\$ 288.00
Indep. Claims	3	3	0	\$ 86.00	\$.00
<input type="checkbox"/> Multiple Dependent Claims				\$290.00	\$
BASIC FEE					\$ 770.00
TOTAL OF ABOVE CALCULATIONS					\$1,058.00
<input type="checkbox"/> Reduction by 1/2 For Filing By Small Entity					\$
TOTAL FILING FEE					\$1,058.00
<input checked="" type="checkbox"/> Fee For Recording of Assignment (\$40.00)					\$ 40.00
TOTAL OF FILING AND ASSIGNMENT RECORDING FEES					\$1,098.00

14. ☒ A check in the amount of \$ 1,058.00 to cover the Filing Fee is enclosed. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due (or credit any overpayment) in connection with this communication, or at any time during the pendency of this application, to Deposit Account No. 26-0090.
15. ☒ Correspondence Address:
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16. ☒ Associate Power of Attorney to Jim Zegeer.

Respectfully submitted,


 Jim Zegeer, Reg. No. 18,957
 Attorney for Applicants

Date: November 14, 2003